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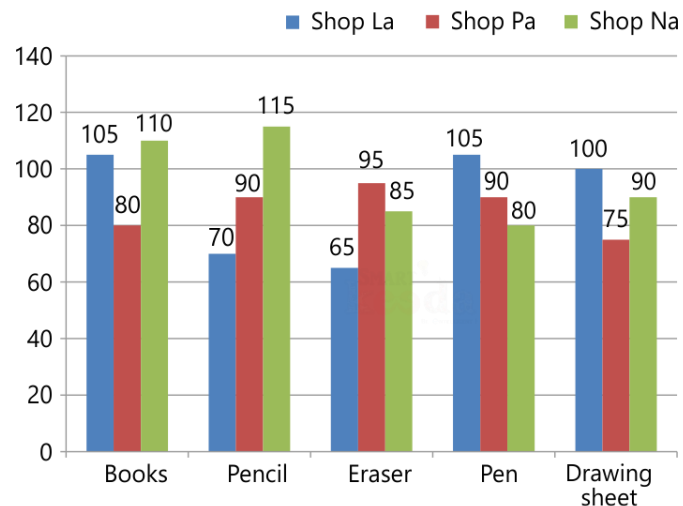
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Date Interpretation Bar Graph Questions for Bank Clerk Mains Exams.

DI Bar Chart Quiz 23

Directions: Study the graph carefully and answer the following questions.

The bar graph shows the number of 5 items sold by 3 different shops.



1. What is the ratio of the number of books sold by shop La and Na together to the number of pens sold by shop Pa and Na?

- A. 43 : 34 B. 26 : 51 C. 35 : 41 D. 41 : 31 E. None of these

2. If the total profit earned by all the shop by selling the eraser is Rs 735, find the total profit earned by Shop La and Shop Pa after selling the eraser. (If the cost price and selling price are equal for all the erasers.)

- A. Rs 515 B. Rs 560 C. Rs 620 D. Rs 480 E. None of these

3. The number of pencil sold by Shop La and Shop Na together is approximately how much percentage more than the number of pen sold by Shop La?

- A. 25% B. 40% C. 60% D. 75% E. 15%

4. Find the number of all the items sold by Shop Pa and Shop Na.

- A. 410 B. 910 C. 840 D. 630 E. 510

5. The cost price of the drawing sheet sold by Shop Pa is Rs 12. If shopkeeper wants to earn 25% profit after giving 25% discount. Find the total discount given by Shop Pa after selling 4/5 of the drawing sheet.

- A. Rs 450 B. Rs 250 C. Rs 350 D. Rs 550 E. None of these

Correct Answers:

1	2	3	4	5
A	D	D	B	E

Explanations:

1. Number of books sold by shop La and Na = $105 + 110 = 215$
Number of Pens sold by shop Pa and Na = $80 + 90 = 170$
Ratio = $215 : 170 = 43 : 34$
Hence, option A is correct.

2. Total eraser sold by all the shops = $65 + 95 + 85 = 245$
Profit earned on 1 eraser = $\frac{735}{245} = \text{Rs. } 3$

Total eraser sold by Shop La and Shop Pa = $65 + 95 = 160$
Required profit = $160 \times 3 = \text{Rs } 480$
Hence, option D is correct.

3. Pencil sold by Shop La = 70
Pencil sold by Shop Na = 115
Pen sold by Shop La = 105
Reqd. % = $\frac{70 + 115 - 105}{105} \times 100$

$$= \frac{80}{105} \times 100 = 76.19\% \approx 75\%$$

Hence, option D is correct.

4. Total items sold by Shop Pa = $80 + 90 + 95 + 90 + 75 = 430$
Total items sold by Shop Na = $110 + 115 + 85 + 80 + 90 = 480$
Total items = $430 + 480 = 910$
Hence, option B is correct.

5. Cost price of drawing sold by Shop Pa = Rs. 12
Selling price = $12 \times 125\% = \text{Rs. } 15$
Marked price = $\frac{15}{75} \times 100 = \text{Rs. } 20$
Discount = $20 - 15 = \text{Rs. } 5$
Total discount = $75 \times \frac{4}{5} \times 5 = \text{Rs. } 300$
Hence, option E is correct.

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